

Recovery Plan Action Status

Plan Name: Schweinitz's Sunflower

Plan Status: Final

Plan Date: 22-Apr-94

Lead Agency: USFWS

Lead Office: Asheville Ecological Services Field Office

(258-3939)

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Schweinitz's sunflower (Helianthus schweinitzii)	1	1	Implement emergency protective management of known remnant populations	Ongoing Current	Prior to FY 1995		State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Management	Labor type not yet selected	[CLWells, 6/29/2006: NC Department of Transportation works to post signs bracketing all known roadside populations of this (and other) federally listed species, which state that the population is not to be mowed or herbicides applied during the growing season. NCDOT also attempts to track impacts to their roadside plant populations. There is no comparable roadside protection program in SC. Others have been transplanted out of areas in which impacts are unavoidable (occasionally involving consultation with FWS where there is a federal nexus).
Schweinitz's sunflower (Helianthus schweinitzii)	3	10	Prepare articles for popular and scientific publications	Ongoing Not Current	Prior to FY 1995		State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Other: Information and Education	Labor type not yet selected	
Schweinitz's sunflower (Helianthus schweinitzii)	3	11	Annually assess success of recovery efforts for the species	Ongoing Current	Prior to FY 1995		State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Other	Labor type not yet selected	[CLWells, 6/29/2006: USFWS is presently conducting a five year status review for this species.]

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Schweinitz's sunflower (Helianthus schweinitzii)	1	2	Protect viable populations through a range of protection tools (management agreements, acquisition, registry, cooperative agreements, etc.)	Ongoing Current	Prior to FY 1995		State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Management, Research	Labor type not yet selected	
Schweinitz's sunflower (Helianthus schweinitzii)	1	3	Conduct research on the biology of the species and on suitable management tools for maintaining the natural ecosystem in which it occurs	Ongoing Not Current	Prior to FY 1995		State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Research	Labor type not yet selected	[CLWells, 6/29/2006: Various research projects have been conducted by academics working with the species at select sites, however the scope of these studies needs to be expanded to include evaluation of additional management techniques currently in use at other locations.]
Schweinitz's sunflower (Helianthus schweinitzii)	1	4	Implement management of protected populations	Ongoing Current	Prior to FY 1995		State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Management	Labor type not yet selected	
Schweinitz's sunflower (Helianthus schweinitzii)	1	5	Enforce laws protecting the species and/or its habitat	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Law Enforcement Division, State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Other: Law Enforcement, Other: Regulations	Labor type not yet selected	

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Schweinitz's sunflower (Helianthus schweinitzii)	2	6	Survey suitable habitat for additional populations and potential reintroduction sites; reestablish populations within the species' historic range	Ongoing Not Current	Prior to FY 1995		Center for Plant Conservation, State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Research: Habitat Status, Research: Population Surveys	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert, Volunteer	[CLWells, 6/29/2006: A rangewide status survey was completed in 2002. This identified several new populations including some with suitable (or restorable) habitat adjacent. Several populations have been transplanted away from development projects, USFWS is in the process of reviewing survivorship in these populations and assessing the relative threat to remaining roadside or other Rights-of-Ways populations.]
Schweinitz's sunflower (Helianthus schweinitzii)	2	7	Monitor existing populations	Ongoing Current	Prior to FY 1995		State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Management	Labor type not yet selected	[CLWells, 6/29/2006: Several populations are being monitored, however the monitoring protocol often involves population estimates (through sampling) which have been conducted differently from year to year and site to site. Therefore, it is difficult to assess population and rangewide trends in the species. USFWS is working with partners to standardize monitoring protocol so that efforts to recover the species can be assessed.]

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Schweinitz's sunflower (Helianthus schweinitzii)	2	8	Maintain cultivated sources for the species and provide for long-term maintenance of selected populations in cultivation	Ongoing Not Current	Prior to FY 1995		Center for Plant Conservation, State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Management: Propagation, Management: Reintroduction, Research: Propagation	Labor type not yet selected	[CLWells, 6/29/2006: A number of populations have been partially or entirely "rescued" from development or other projects. Some of these plants have been temporarily housed at greenhouse or other facilities. This species is not threatened by the number of known individuals, rather it continues to be threatened by a lack of sites which are adequately protected and managed. Therefore, propagation of the species is a lower priority than protection and management of existing sites.]
Schweinitz's sunflower (Helianthus schweinitzii)	3	9	Prepare and distribute news releases and informational brochures	Ongoing Not Current	Prior to FY 1995		State Conservation Agencies, U.S. Fish and Wildlife Service, Office of Endangered Species, USFWS Regional Office 4	Other: Information and Education	Labor type not yet selected	